

AMBIENT LAKE MONITORING NETWORK

Lake Name: Liberty Lake

County: Warren

SiteID: NJW04459-246

Municipality: Liberty Twp

Lake Profile Raw Data

Panel: 2 Round: 2

Season: Spring

Date sampled: 5/5/2011

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (mg/L)	Hard (mg/L)	Turbidity (NTU)
1	0.014	0.331	0.00679	0.01	4.62	52	86.6	2.68

Season: Summer

Date sampled: 7/21/2011

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (mg/L)	Hard (mg/L)	Turbidity (NTU)
1	0.09	0.52	0.02	0.01	17.82	92	119	3.81

Season: Fall

Date sampled: 10/17/2011

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (mg/L)	Hard (mg/L)	Turbidity (NTU)
1	ND	0.369	0.0415	0.035	6.75	75	127	2.19

Sample Device - Horizontal Polycarbonate Sampler; a blank parameter result means the parameter could not be analyzed due to a lab error.

"ND" indicates the result is at a concentration below the analytical method's Reporting Limit (RL). See Volume I, Methods.

"ANR" (Analyte Not Requested) indicates a sample was not collected for this parameter.

AMBIENT LAKE MONITORING NETWORK

Lake Name: Liberty Lake

County: Warren

SiteID: NJW04459-246

Municipality: Liberty Twp

Surface to Bottom Profile

Panel: 2 Round: 2

Season: Spring

Date sampled: 5/5/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	2.1	1	1.9	15.29	9.59	97.9	8.99	0.184
1	2.1	2	1.9	11.49	9.58	89.7	8.68	0.221

Season: Summer

Date sampled: 7/21/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	2.1	0.9	1.5	26.87	1.34	17.2	7.31	0.282
1	2.1	1.9	1.5	21.75	0.14	1.6	6.93	0.478

Season: Fall

Date sampled: 10/17/2011

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	2.3	1	B	14.6	7.9	79.5	8.49	0.239
1	2.3	2	B	14.47	8.07	80.9	8	0.241

"B" indicates secchi can be seen at the Bottom of lake; "P" indicates secchi depth was Obscured, typically (but not always) by plants.

-A blank Secchi measurement for lake stations means that an accurate measurement could not be recorded.

-A blank parameter result means the parameter could not be measured due to a meter malfunction.